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NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPplus with the
IPC reform
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
USPAT2
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
INPADOC
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 13 JAN 30 Saved answer limit increased
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency
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visualization results
NEWS 16 FEB 22 Status of current WO (PCT) information on STN
NEWS 17 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 18 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 19 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 20 FEB 28 MEDLINE/LMEDLINE reload improves functionality
NEWS 21 FEB 28 TOXCENTER reloaded with enhancements
NEWS 22 FEB 28 REGISTRY/ZREGISTRY enhanced with more experimental spectral
property data

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
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<http://download.cas.org/express/v8.0-Discover/>

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 12:41:29 ON 01 MAR 2006

```
=> file reg
COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                0.21          0.21
```

FILE 'REGISTRY' ENTERED AT 12:41:40 ON 01 MAR 2006
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 27 FEB 2006 HIGHEST RN 875402-35-0
DICTIONARY FILE UPDATES: 27 FEB 2006 HIGHEST RN 875402-35-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

```
=>
Uploading C:\Program Files\Stnexp\Queries\10671376-3.str
```

L1 STRUCTURE UPLOADED

```
=> d l1
L1 HAS NO ANSWERS
L1 STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
```

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1 sss sam
SAMPLE SEARCH INITIATED 12:42:12 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 55 TO ITERATE
```

```
100.0% PROCESSED      55 ITERATIONS                0 ANSWERS
SEARCH TIME: 00.00.03
```

```
FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:   656 TO   1544
PROJECTED ANSWERS:      0 TO     0
```

L2 0 SEA SSS SAM L1

```
=> s l1 sss full
FULL SEARCH INITIATED 12:42:32 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      1085 TO ITERATE

100.0% PROCESSED      1085 ITERATIONS      7 ANSWERS
SEARCH TIME: 00.00.01
```

```
L3      7 SEA SSS FUL L1
```

```
=> s l3 SCR 2039
MISSING OPERATOR
```

```
=> s l3 and SCR 2039
      156 SCR
      2183 2039
        0 SCR 2039
          (SCR(W)2039)
L4      0 L3 AND SCR 2039
```

```
=> s l3 and l4
L5      0 L3 AND L4
```

```
=> file caplus
COST IN U.S. DOLLARS      SINCE FILE      TOTAL
                           ENTRY      SESSION
FULL ESTIMATED COST      177.78      177.99
```

FILE 'CAPLUS' ENTERED AT 12:43:55 ON 01 MAR 2006
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FILE COVERS 1907 - 1 Mar 2006 VOL 144 ISS 10
FILE LAST UPDATED: 28 Feb 2006 (20060228/ED)

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<http://www.cas.org/infopolicy.html>

```
=> s l3 and (I123 or I125 or Br77 or Br80m or Hg195 or Sn113)
      2 L3
      38 I123
      334 I125
      23 BR77
      51 BR80M
      21 HG195
      105 SN113
L6      0 L3 AND (I123 OR I125 OR BR77 OR BR80M OR HG195 OR SN113)
```

```
=> s l3 and thymidine
      2 L3
      52901 THYMIDINE
      319 THYMIDINES
      53013 THYMIDINE
          (THYMIDINE OR THYMIDINES)
L7      0 L3 AND THYMIDINE
```

=> s 13

L8 2 L3

=> dis 18 1-2 bib abs hitstr

L8 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:281656 CAPLUS

DN 142:312180

TI Cancer specific radiolabeled conjugates regulated by the cell cycle for the treatment and diagnosis of cancer

IN Baranowska-Kortylewicz, Janina; Kortylewicz, Zbigniew

PA USA

SO U.S. Pat. Appl. Publ., 20 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005069495	A1	20050331	US 2003-671376	20030925
PRAI	US 2003-671376		20030925		

OS MARPAT 142:312180

AB Radiolabeled conjugates are disclosed which have a component that is effective to target tumor cells, which cells selectively take up and degrade the conjugate, thereby delivering to the tumor cell nucleus a radioisotope capable of being incorporated into the nuclear material, so as to produce a cytotoxic effect and/or to render the cell detectable by radioimaging.

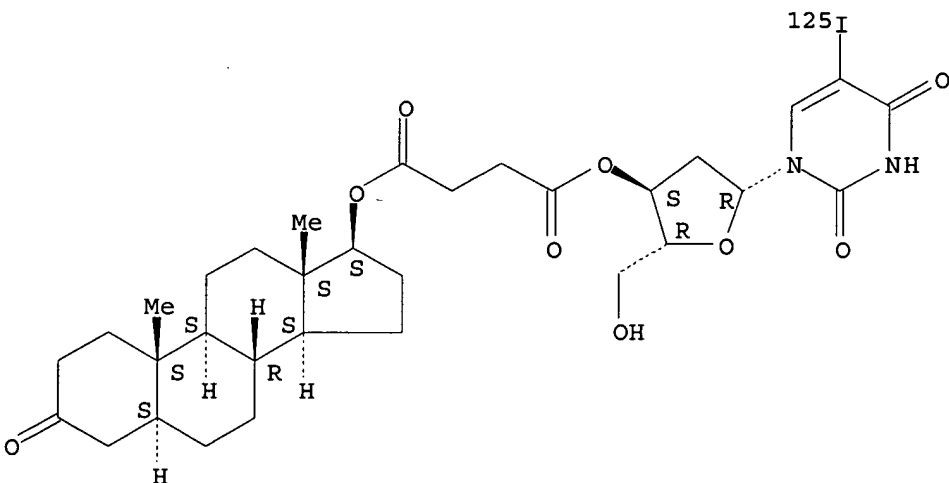
IT 848318-60-5P 848318-61-6P 848318-63-8P

RL: DGN (Diagnostic use); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(tumor-targeted radiolabeled dihydrotestosterone conjugates)

RN 848318-60-5 CAPLUS

CN Uridine, 2'-deoxy-5-(iodo-125I)-, 3'-ester with (5 α ,17 β)-17-(3-carboxy-1-oxopropoxy)androstan-3-one (9CI) (CA INDEX NAME)

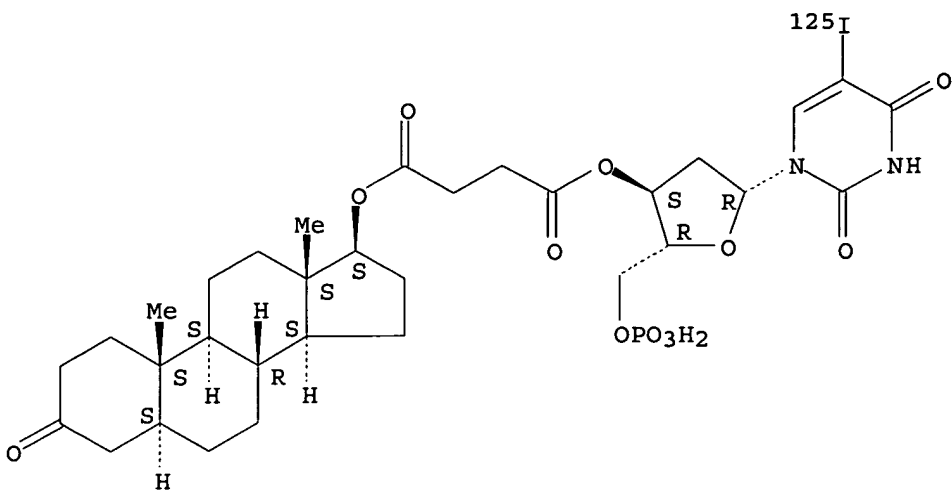
Absolute stereochemistry.



RN 848318-61-6 CAPLUS

CN 5'-Uridylic acid, 2'-deoxy-5-(iodo-125I)-, 3'-ester with (5 α ,17 β)-17-(3-carboxy-1-oxopropoxy)androstan-3-one (9CI) (CA INDEX NAME)

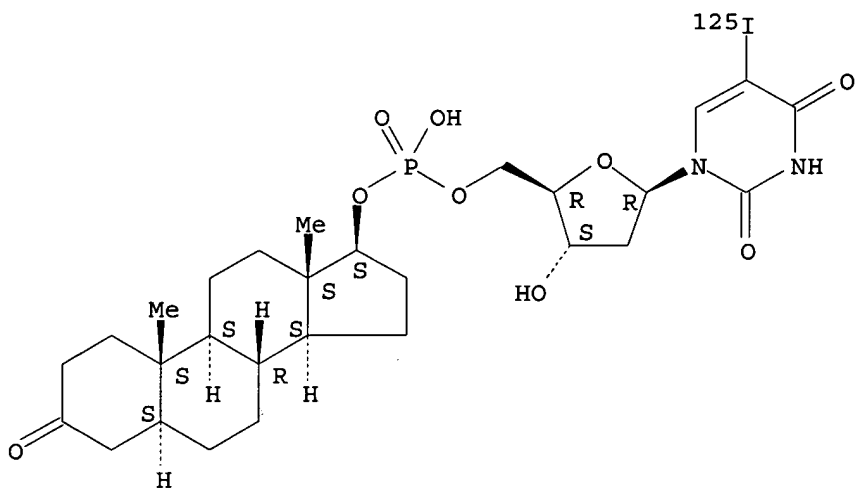
Absolute stereochemistry.



RN 848318-63-8 CAPLUS

CN 5'-Uridylic acid, 2'-deoxy-5-(iodo- ^{125}I)-, mono[(17β)-3-oxoandrostan-17-yl] ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 848318-65-0P 848318-66-1P 848318-69-4P

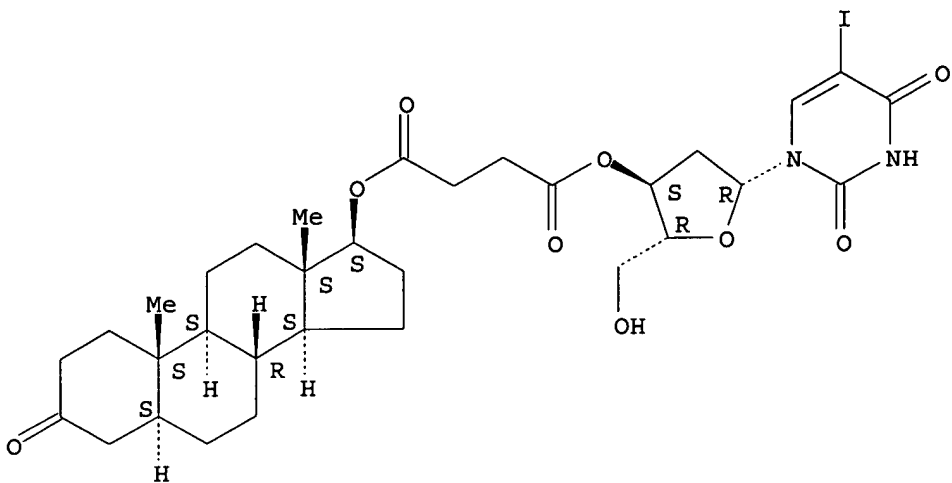
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(tumor-targeted radiolabeled dihydrotestosterone conjugates)

RN 848318-65-0 CAPLUS

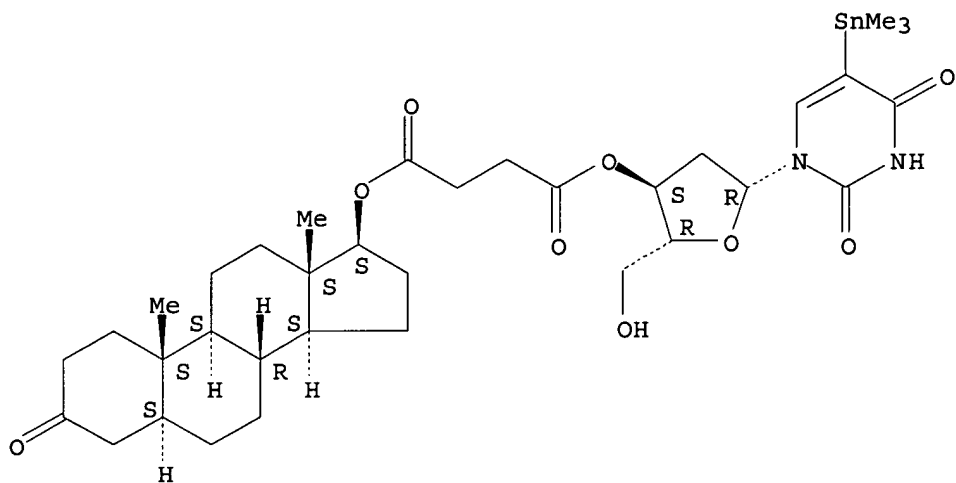
CN Uridine, 2'-deoxy-5-iodo-, 3'-ester with ($5\alpha,17\beta$)-17-(3-carboxy-1-oxopropoxy)androstan-3-one (9CI) (CA INDEX NAME)

Absolute stereochemistry.



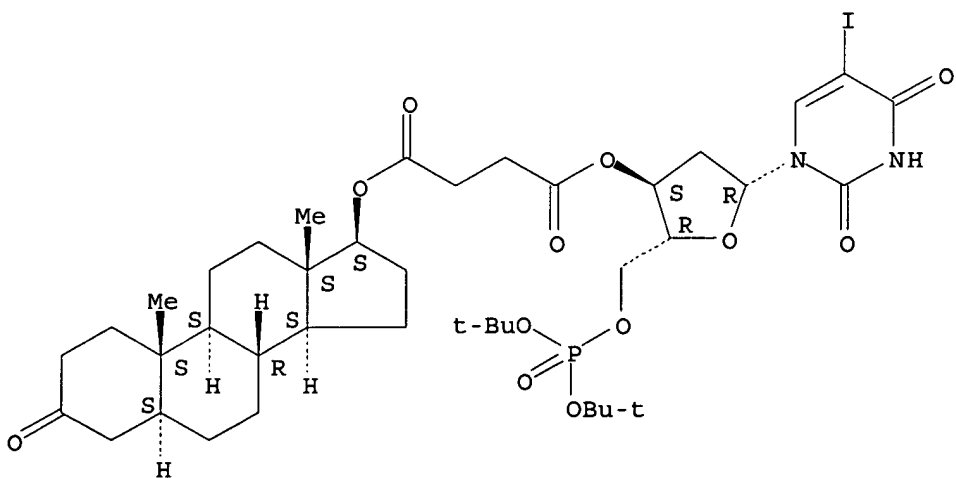
RN 848318-66-1 CAPLUS
 CN Uridine, 2'-deoxy-5-(trimethylstannyl)-, 3'-ester with
 (5 α ,17 β)-17-(3-carboxy-1-oxopropoxy)androstan-3-one (9CI) (CA
 INDEX NAME)

Absolute stereochemistry.



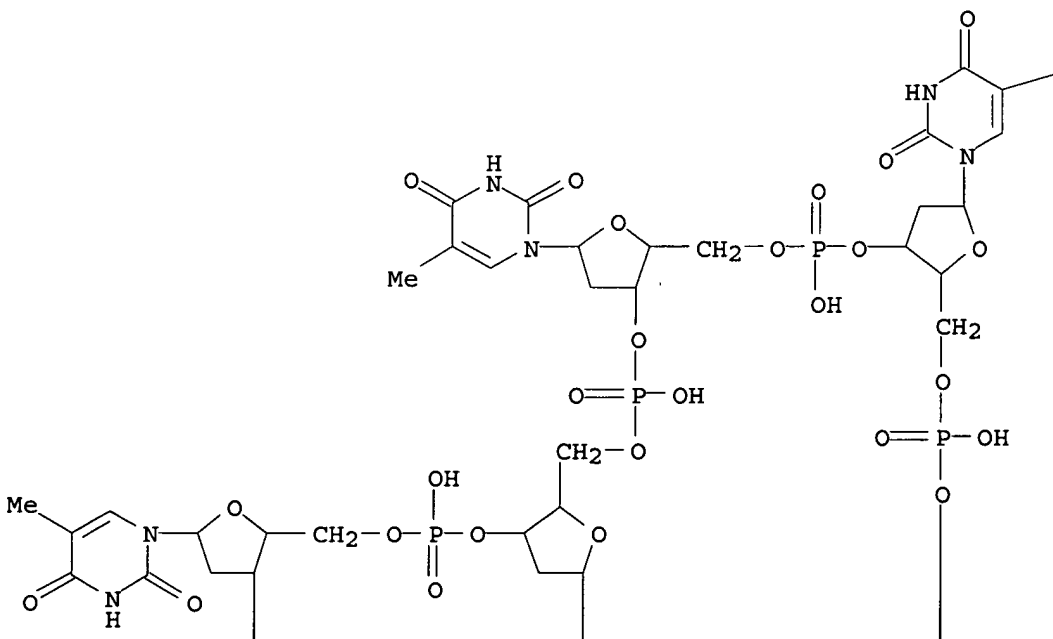
RN 848318-69-4 CAPLUS
 CN 5'-Uridylic acid, 2'-deoxy-5-iodo-, bis(1,1-dimethylethyl) ester, 3'-ester
 with (5 α ,17 β)-17-(3-carboxy-1-oxopropoxy)androstan-3-one (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.

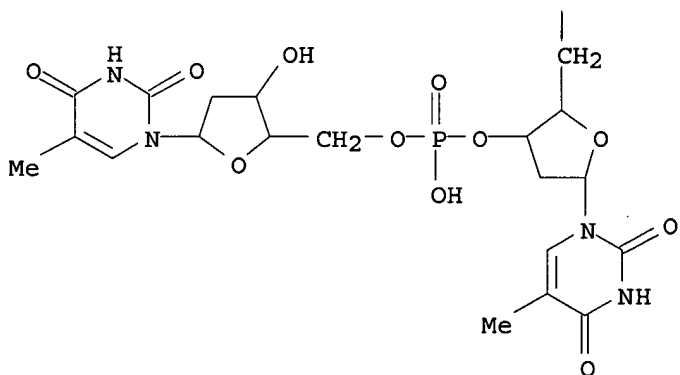
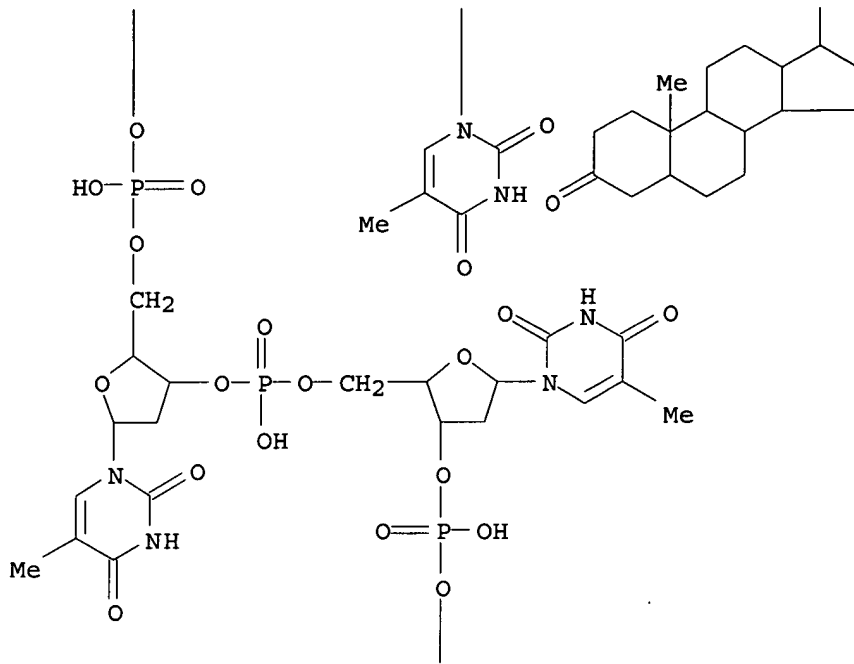


L8 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 1993:599411 CAPLUS
 DN 119:199411
 TI Oligonucleotide derivatives inhibit influenza virus RNA transcription
 AU Ledovskikh, N. V.; Yurchenko, L. V.; Nevinskii, G. A.; Frolova, E. I.;
 Ivanova, E. M.; Koshkin, A. A.; Bulychev, N. A.; Zarytova, V. F.; Vlasov,
 V. V.
 CS Novosibirsk Inst. Bioorg. Chem., Novosibirsk, 630090, Russia
 SO Molekulyarnaya Biologiya (Moscow) (1992), 26(3), 635-44
 CODEN: MOBIBO; ISSN: 0026-8984
 DT Journal
 LA Russian
 AB The inhibitory effects of oligonucleotide derivs. on the transcription of
 virus RNA in an in vitro system and on the synthesis of virus proteins was
 studied. Oligonucleotide derivs. d(T)3, d(T)4, d(T)8, d(T)10, d(CCAAACA),
 d(TCACCCTC), d(TTCCCAT), d(AATACTCT) and d(TGACCCTCTTCCCAT), which bear
 residues of ethidium, deuteroporphyrin and its complexes with Fe³⁺, hemin,
 cholesterol, deuteriocholesterol, estrone and naphthoquinone at the 5'-end
 phosphate and/or at the 3'-end phosphate, were studied. Unmodified
 oligonucleotides and their derivs. had a negligible effect on the
 synthesis of cellular proteins, but did inhibit the synthesis of influenza
 virus proteins. The majority of structural modifications increased the
 inhibitory effect of oligonucleotides. It was shown that the
 oligonucleotide derivs. carrying residues of porphyrin, quinone, ethidium,
 cholesterol, deuterotestosterone and estrone at concns. near 10 mM inhibit
 virus development to 50-80%. A clear inhibitory effect (20-25%) of
 deuteroporphyrin, cholesterol and ethidium derivs. was revealed even at
 concentration 0.1 mM. The results indicate that the inhibition of influenza
 virus development is dependent on the interaction of oligonucleotide
 derivs. with the transcription complex proteins.
 IT 145733-86-4
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological
 study, unclassified); BIOL (Biological study)
 (influenza virus inhibition by, structure in relation to)
 RN 145733-86-4 CAPLUS
 CN Thymidine, 5'-O-[hydroxy[(17 β)-3-oxo-18-norandrost-17-
 yloxy]phosphinyl]thymidylyl-(3' \rightarrow 5')-thymidylyl-(3' \rightarrow 5')-
 thymidylyl-(3' \rightarrow 5')-thymidylyl-(3' \rightarrow 5')-thymidylyl-
 (3' \rightarrow 5')-thymidylyl-(3' \rightarrow 5')-thymidylyl-(3' \rightarrow 5')- (9CI)
 (CA INDEX NAME)

PAGE 1-A



Me



=> s l3 and dihydrotestosterone

2 L3

9579 DIHYDROTESTOSTERONE

14 DIHYDROTESTOSTERONES

9586 DIHYDROTESTOSTERONE

(DIHYDROTESTOSTERONE OR DIHYDROTESTOSTERONES)

L9

1 L3 AND DIHYDROTESTOSTERONE

=> dis l9 bib abs hitstr

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:281656 CAPLUS

DN 142:312180
 TI Cancer specific radiolabeled conjugates regulated by the cell cycle for
 the treatment and diagnosis of cancer
 IN Baranowska-Kortylewicz, Janina; Kortylewicz, Zbigniew
 PA USA
 SO U.S. Pat. Appl. Publ., 20 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005069495	A1	20050331	US 2003-671376	20030925
PRAI	US 2003-671376		20030925		

OS MARPAT 142:312180

AB Radiolabeled conjugates are disclosed which have a component that is effective to target tumor cells, which cells selectively take up and degrade the conjugate, thereby delivering to the tumor cell nucleus a radioisotope capable of being incorporated into the nuclear material, so as to produce a cytotoxic effect and/or to render the cell detectable by radioimaging.

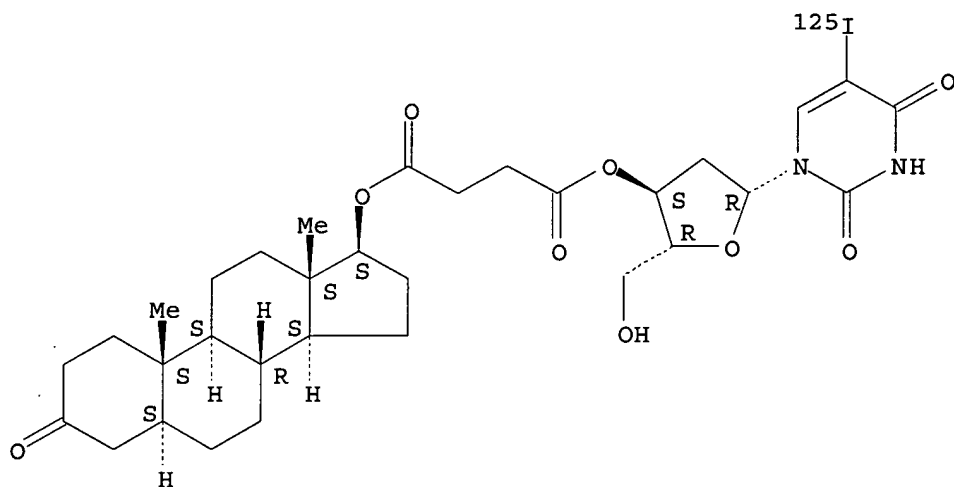
IT 848318-60-5P 848318-61-6P 848318-63-8P

RL: DGN (Diagnostic use); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (tumor-targeted radiolabeled **dihydrotestosterone** conjugates)

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CN Uridine, 2'-deoxy-5-(iodo-125I)-, 3'-ester with (5 α ,17 β)-17-(3-carboxy-1-oxopropoxy)androstan-3-one (9CI) (CA INDEX NAME)

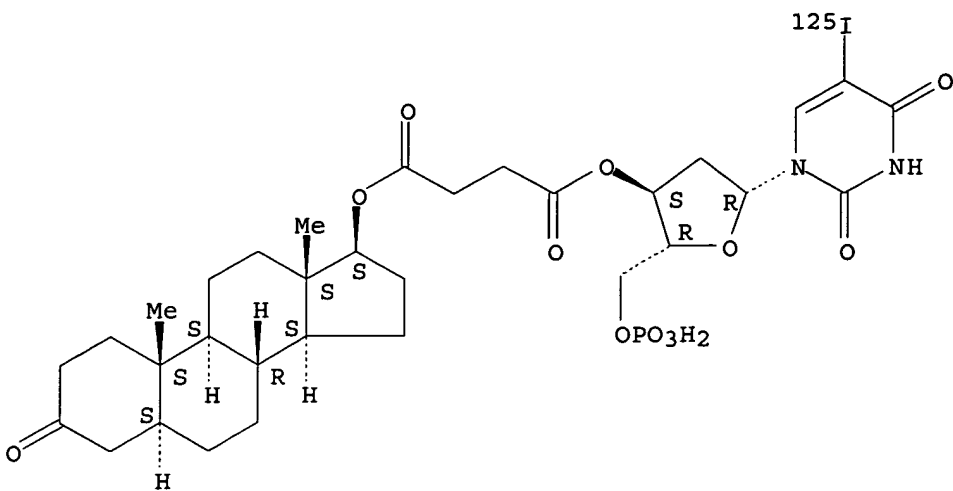
Absolute stereochemistry.



RN 848318-61-6 CAPLUS

CN 5'-Uridylic acid, 2'-deoxy-5-(iodo-125I)-, 3'-ester with
 (5 α ,17 β)-17-(3-carboxy-1-oxopropoxy)androstan-3-one (9CI) (CA
 INDEX NAME)

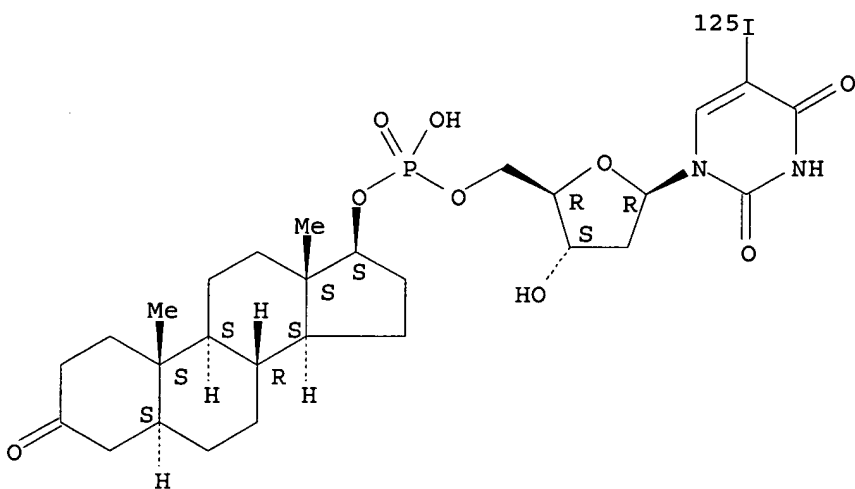
Absolute stereochemistry.



RN 848318-63-8 CAPLUS

CN 5'-Uridylic acid, 2'-deoxy-5-(iodo- ^{125}I)-, mono[(17β)-3-oxoandrostan-17-yl] ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 848318-65-0P 848318-66-1P 848318-69-4P

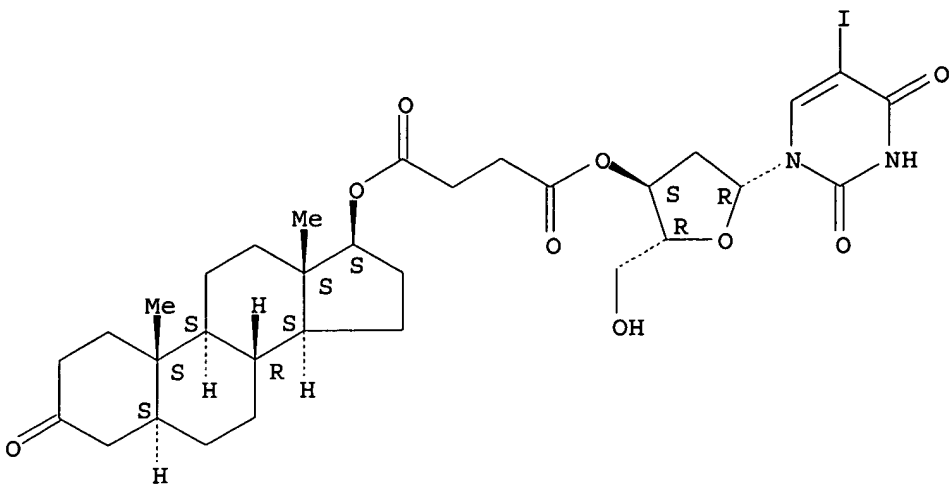
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(tumor-targeted radiolabeled **dihydrotestosterone** conjugates)

RN 848318-65-0 CAPLUS

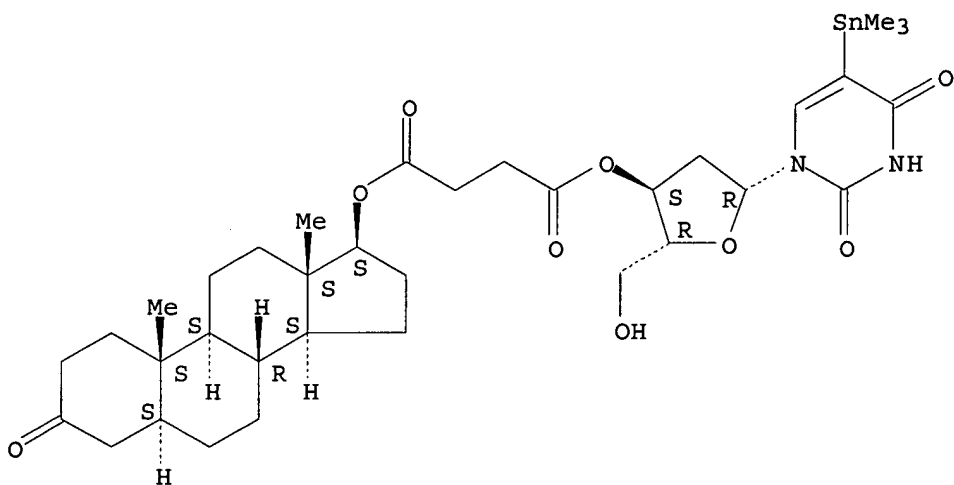
CN Uridine, 2'-deoxy-5-iodo-, 3'-ester with ($5\alpha,17\beta$)-17-(3-carboxy-1-oxopropoxy)androstan-3-one (9CI) (CA INDEX NAME)

Absolute stereochemistry.



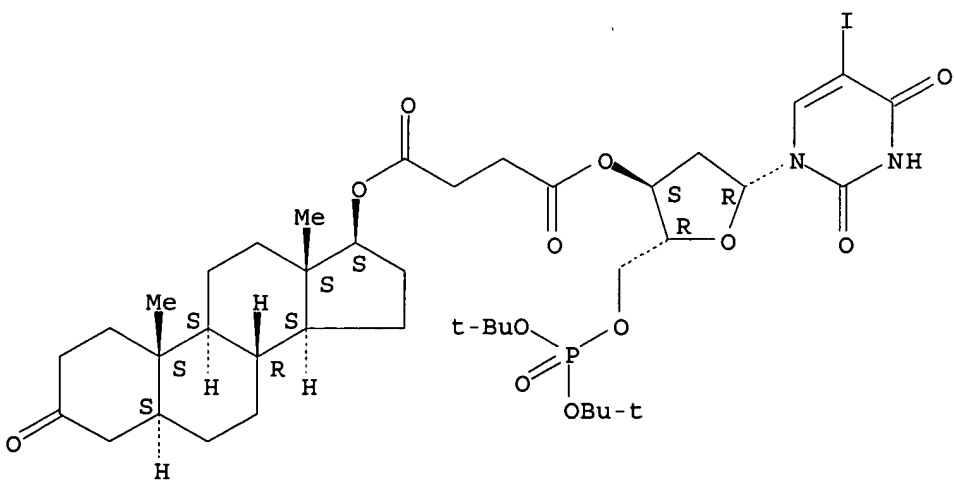
RN 848318-66-1 CAPLUS
 CN Uridine, 2'-deoxy-5-(trimethylstannyl)-, 3'-ester with
 (5 α ,17 β)-17-(3-carboxy-1-oxopropoxy)androstan-3-one (9CI) (CA
 INDEX NAME)

Absolute stereochemistry.



RN 848318-69-4 CAPLUS
 CN 5'-Uridylic acid, 2'-deoxy-5-iodo-, bis(1,1-dimethylethyl) ester, 3'-ester
 with (5 α ,17 β)-17-(3-carboxy-1-oxopropoxy)androstan-3-one (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.



=> dis hist

(FILE 'HOME' ENTERED AT 12:41:29 ON 01 MAR 2006)

FILE 'REGISTRY' ENTERED AT 12:41:40 ON 01 MAR 2006

L1 STRUCTURE UPLOADED

L2 0 S L1 SSS SAM

L3 7 S L1 SSS FULL

L4 0 S L3 AND SCR 2039

L5 0 S L3 AND L4

FILE 'CAPLUS' ENTERED AT 12:43:55 ON 01 MAR 2006

L6 0 S L3 AND (I123 OR I125 OR BR77 OR BR80M OR HG195 OR SN113)

L7 0 S L3 AND THYMIDINE

L8 2 S L3

L9 1 S L3 AND DIHYDROTESTOSTERONE